

Memorandum

TO: HONORABLE MAYOR AND
CITY COUNCIL

FROM: Katy Allen
Jeffrey L. Clet

SUBJECT: EMERGENCY GENERATORS
FOR FIRE STATIONS 4, 13 AND 26

DATE: 05-04-05

Approved 

Date 5/12/05

Council Districts: 6, 7 and 9

RECOMMENDATION

Report on bids and award of contract for the Emergency Generators Project for Fire Stations 4, 13 and 26 to the low bidder, Mitchell Engineering, in the amount of \$591,710, and approval of a contingency in an amount of \$74,000.

CEQA: Exempt, File Nos. PP05-033, PP05-034 and PP05-035.

BACKGROUND

On March 5, 2002, San José's voters passed the Neighborhood Security Act Bond Measure. This bond measure authorized the City to issue General Obligation Bonds in an amount not to exceed \$159 million to fund projects in both Police and Fire Departments to enhance police, fire and medical emergency response services and facilities. As part of the Public Safety Bond Program, emergency generators are planned to be installed at three fire stations: Fire Station No. 4, located at 710 Leigh Avenue; Fire Station No. 13, located at 4380 Pearl Avenue; and Fire Station No. 26, located at 528 Tully Road. All of the new and relocated stations will be equipped with an on-site emergency generator as part of their base project. Staff is evaluating the remaining existing station upgrades and balancing the emergency generator needs against other projects. As the bond program winds down, it is possible that contingency reserve funds may be available to install generators at some or all of the stations that are not being relocated.

The fire station emergency generator project conforms to the Neighborhood Security Act Bond Measure by upgrading electrical service to support new emergency generators that will maintain fire and paramedic response times during emergencies to established neighborhoods and planned developments within the City. The new generators will also enable the fire station to meet the "Essential Facility" designation. This project will upgrade the electrical service, provide new emergency generator concrete pads, a new fuel system and new 50 KW emergency generators enclosed in a Quiet Site II Second Stage Housing Unit. Construction is scheduled to begin in May 2005 with completion in October 2005.

ANALYSIS

Bids were opened on April 21, 2005 with the following results:

<u>Contractor</u>	<u>Base Bid</u>	<u>Variance Amount</u>	<u>Over/(Under) Percent</u>
Ionian Construction, Inc. (Millbrae)	\$820,000	\$197,000	32
Blocka Construction, Inc. (Fremont)	798,500	175,500	28
Fort Bragg Electric (Fort Bragg)	648,734	25,734	4
Engineer's Estimate	623,000	-	-
Mitchell Engineering (San Francisco)	591,710	(31,290)	(5)

The base bid submitted by Mitchell Engineering, is five percent under the Engineer's Estimate. Staff considers the bid reasonable for the work involved.

Council policy provides for a standard contingency of 15 percent on public works renovation projects. The standard contingency is appropriate for this project.

OUTCOME

Approval of this construction contract to Mitchell Engineering will enable the Emergency Generators Project for Fire Stations 4, 13 and 26 to go forward. Approval of the 12.5 percent contingency will provide funding for unforeseen conditions during construction of the project.

PUBLIC OUTREACH

To solicit contractors, this project was listed on the City's Internet Bid Line and advertised in the *San José Post Record*. Bid packages for all Department of Public Works construction projects are provided to various contractor organizations and builder's exchanges.

COORDINATION

This project and memorandum have been coordinated with the Departments of General Services, Planning, Building and Code Enforcement and the City Manager's Budget Office, and the City Attorney's Office.

COST IMPLICATIONS

1. AMOUNT OF RECOMMENDATION: \$591,710

2. COST OF PROJECT:

Project Delivery*	\$500,000
Construction	591,710
Contingency	74,000
TOTAL PROJECT COSTS	\$1,165,710

Prior Years Expenditures	282,505
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REMAINING PROJECT	\$883,205
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* Project Delivery costs are higher than originally anticipated due to additional staff coordination and review costs associated with Bay Area Air Quality Management District (BAAQMD) approvals, noise studies for the emergency generators, re-scoping and redesign during the preliminary design phase.

3. SOURCE OF FUNDING: 475 - Neighborhood Security Bond

4. FISCAL IMPACT: This project is consistent with the Council-approved Budget Strategy Economic Recovery section in that it will spur construction spending in our local economy. The proposed operating and maintenance costs of this project have been reviewed and estimated to be approximately \$21,000 annually, beginning in October 2005.

BUDGET REFERENCE

Fund #	Appn. #	Appn. Name	RC #	Total Appn.	Amt. For Contract	2004-2005 Adopted Capital Budget (Page)	Last Budget Action (Date, Ord. No.)
Remaining Project Costs				\$883,205			
Current Funding Available							
475	4548	Fire Station Upgrades	122890 122891 122893	\$1,912,000	\$591,710	V-366	10/12/04 Ord. No. 27267
Total Current Funding Available				\$1,912,000	\$591,710		

**This budget reference is for the current fiscal year only. As this is a multi-year project, the total project costs will be appropriated and expended over several fiscal years.

HONORABLE MAYOR AND CITY COUNCIL

05-04-05

Subject: Emergency Generators for Fire Stations 4, 13, and 26 Supplemental Memo

Page 4

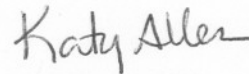
CEQA

Exempt, File Nos. PP05-033, PP05-034 and PP05-035.



JEFFREY L. CLET

Fire Chief, Fire Department



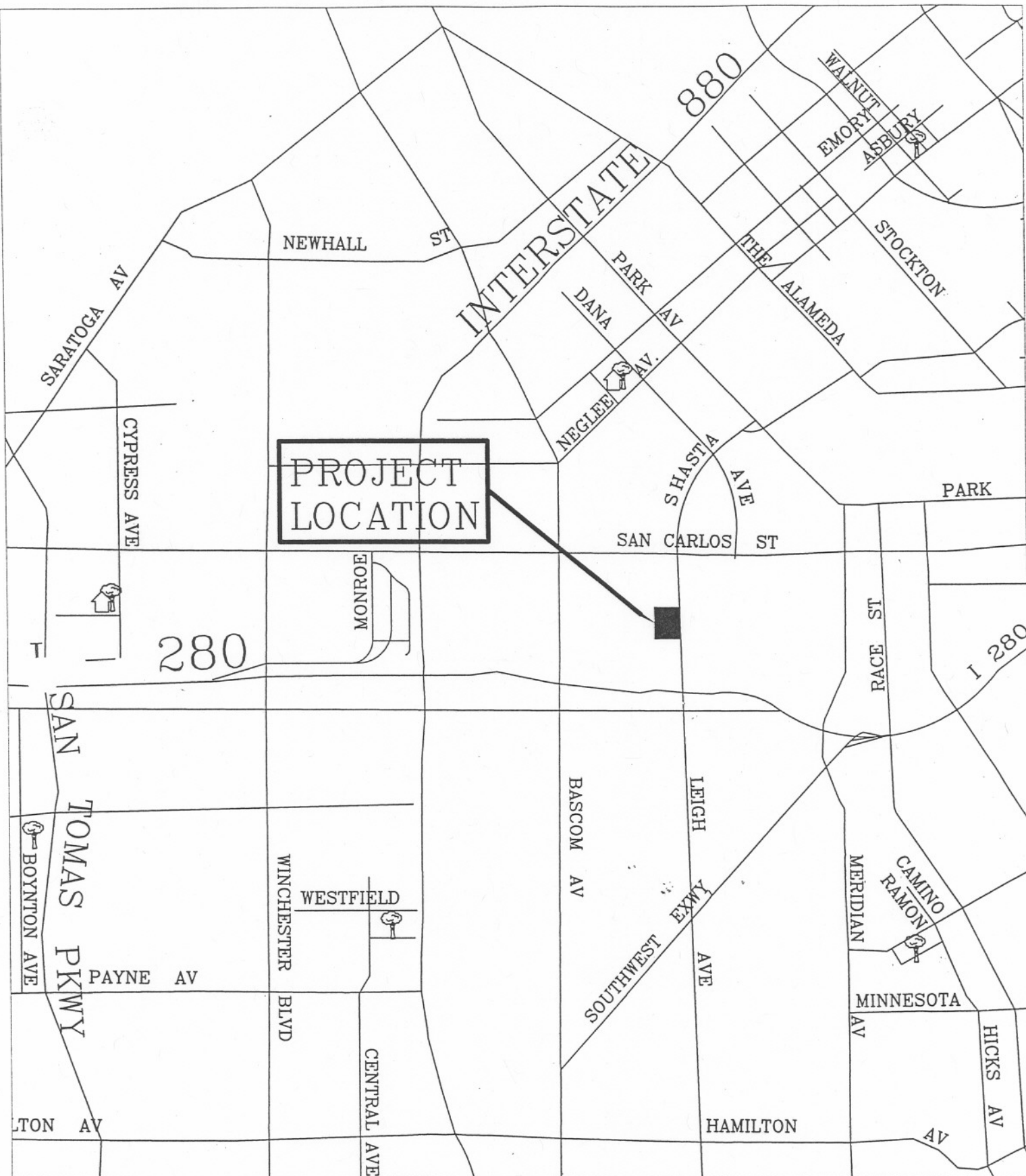
KATY ALLEN

Director, Public Works Department

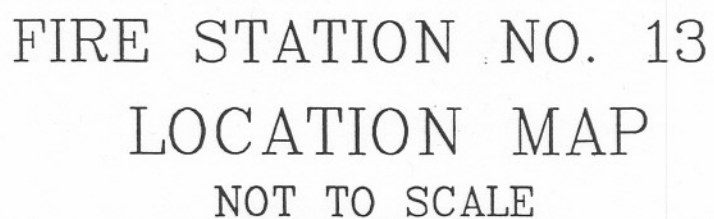
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Attachment

4-22-05 Supplemental(Gen)



FIRE STATION NO. 4
LOCATION MAP
NOT TO SCALE



FIRE STATION NO. 13
LOCATION MAP
NOT TO SCALE

FIRE STATION NO. 26
LOCATION MAP

NO SCALE